DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

As a below named inventor, I hereby declare that: My residence, mailing address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Array-Type Processor

| the application of which | | | · · · · · · · · · · · · · · · · · · · | | |
|---|---|---|--|----------------------------|-----------------------------------|
| · uic application of willen | | | | | |
| is attached hereto | OR | ☐ was filed on | | as United S | States Application |
| | | was filed on as United States Application Number or PCT International Application Number, | | | |
| | | (Confirmation No |), and w | as amended | on |
| | | | (if application | ıble). | |
| I hereby state that I have reviewed and by any amendment specifically referred | understand the con | ntents of the above identifie | d application, inclu | iding the cla | aims, as amended |
| I acknowledge the duty to disclose continuation-in-part application(s), mathe national or PCT international filing | terial information v | which became available bety | ty as defined in 3 ween the filing date | 37 CFR 1.5 of the prior | 56, including for application and |
| I hereby claim foreign priority benefits or plant breeder's rights certificate(s), than the United States of America, list patent, inventor's or plant breeder's right application on which priority is claimed | or 365(a) of any Po ted below and have hts certificate(s), or | CT international application also identified below, by c | (s) which designate the box. a | ed at least o | one country other |
| Prior Foreign Application Number(s) | Countr | ry - Foreign Fi | ling Data | Priority | |
| | | | | • | |
| 2003-017820 | Japar | | 27, 2003 | Yes ⊠ | No · |

I hereby appoint all attorneys of SUGHRUE MION, PLLC who are listed under the USPTO Customer Number shown below as my attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Sughrue Mion, PLLC, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number.



PATENT TRADEMARK OFFICE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| NAME OF SOLE OR FIRST INVENTOR: | | | | | | |
|--|-------------------|------------------------|----------------------|--|--|--|
| Given Name (first and middle [if any]) | | Family Name or Surname | FUJII | | | |
| Inventor's Signature | Taro Truju | Date | January 14, 2004 | | | |
| Residence: City Kawasaki | State Kanagawa | Country Japan | Citizenship Japanese | | | |
| Mailing Address: c/o NEC Electronics Corporation, 1753 Shimonumabe, Nakahara-ku, | | | | | | |
| City Kawasaki | State Kanagawa | Zip 211-8668 | Country Japan | | | |
| NAME OF SECOND INVENTOR: | | | | | | |
| Given Name (first and middle [if any]) Koi | chiro | Family Name or Surname | FURUTA | | | |
| Inventor's Signature | ochiro Furu | ta Date | January 14, 2004 | | | |
| Residence: City Kawasaki | State Kanagawa | Country Japan | Citizenship Japanese | | | |
| Mailing Address: c/o NEC Electronics Corporation, 1753 Shimonumabe, Nakahara-ku, | | | | | | |
| City Kawasaki | State Kanagawa | Zip 211-8668 | Country Japan | | | |
| NAME OF THIRD INVENTOR: | | | | | | |
| Given Name (first and middle [if any]) Mas | ato | Family Name or Surname | MOTOMURA | | | |
| Inventor's Signature | rosato moti | Omma Date | January 14, 2004 | | | |
| Residence: City Kawasaki | State Kanagawa | Country Japan | Citizenship Japanese | | | |
| Mailing Address: c/o NEC Electronics Corporation, 1753 Shimonumabe, Nakahara-ku, | | | | | | |
| Kawasaki City | State Kanagawa | Zip 211-8668 | Country Japan | | | |
| NAME OF FOURTH INVENTOR: | | · | · | | | |
| Given Name Ken: (first and middle [if any]) | ichiro | Family Name or Surname | ANJO | | | |
| Inventor's Signature | quichio anjo | Date | January 14, 2004 | | | |
| Residence: City Kawasaki | State Kanagawa | Country Japan | Citizenship Japanese | | | |
| Mailing Address: c/o NEC Electronics Corporation, 1753 Shimonumabe, Nakahara-ku, | | | | | | |
| City Kawasaki | State Kanagawa | Zip 211-8668 | Country Japan | | | |
| NAME OF FIFTH INVENTOR: | | | | | | |
| Given Name Yosh (first and middle [if any]) | nikazu | Family Name or Surname | YABE | | | |
| Inventor's Signature | shikayn Yahe | Date | January 14, 2004 | | | |
| Residence: City Kawasaki | Kanagawa State | Japan Country | Citizenship Japanese | | | |
| Mailing Address: c/o NEC Electronics Corporation, 1753 Shimonumabe, Nakahara-ku, | | | | | | |
| City Kawasaki | Kanagawa State | Zip 211-8668 | Japan Country | | | |

| | | | | | | |
|--|---------------------------------------|---------------------------------|----------------------|--|--|--|
| NAME OF SIXTH INVENTOR: | | | | | | |
| Given Name (first and middle [if any]) | ru | Family Name or Surname | AWASHIMA | | | |
| Inventor's Signature | Jorn Gwalun | 及 B Date | January 14, 2004 | | | |
| Residence: City Kawasaki | State Kanagawa | Country Japan | Citizenship Japanese | | | |
| C/O NEC Electronics Corporation, 1753 Shimonumabe, Nakahara-ku, | | | | | | |
| City Kawasaki | State Kanagawa | Zip 211-8668 | Country Japan | | | |
| NAME OF SEVENTH INVENTOR | ₹: | | | | | |
| Given Name Takao (first and middle [if any]) | | Family Name or Surname TOI | | | | |
| Inventor's Signature | Jakao Joi | Date | January 14, 2004 | | | |
| Residence: City Kawasaki | Kanagawa State | Country Japan | Japanese | | | |
| Mailing Address: c/o NEC Electronics Corporation, 1753 Shimonumabe, Nakahara-ku, | | | | | | |
| City Kawasaki | State_ Kanagawa | Zip 211-8668 | Country Japan | | | |
| NAME OF EIGHTH INVENTOR: | | | | | | |
| Given Name Non (first and middle [if any]) | ritsugu | Family Name or Surname NAKAMURA | | | | |
| Inventor's Signature % | nitsugn Nakar | (A) | January 14, 2004 | | | |
| Residence: City Kawasaki | State Kanagawa | Country Japan | Citizenship Japanese | | | |
| Mailing Address: c/o NEC Electronics Corporation, 1753 Shimonumabe, Nakahara-ku, | | | | | | |
| _{City} Kawasaki | State Kanagawa | Zip 211-8668 | Country Japan | | | |
| NAME OF NINTH INVENTOR: | | | | | | |
| Given Name (first and middle [if any]) | | Family Name or Surname | | | | |
| Inventor's Signature | | Date | | | | |
| Residence: City | State | Country | Citizenship | | | |
| Mailing Address: | | | | | | |
| City | State | Zip | Country | | | |
| NAME OF TENTH INVENTOR: | | | | | | |
| Given Name | | | | | | |
| (first and middle [if any]) | | Family Name or Surname | | | | |
| Inventor's Signature | · · · · · · · · · · · · · · · · · · · | Date | T | | | |
| Residence: City | State | Country | Citizenship | | | |
| Mailing Address: | | | | | | |
| City | State | Zip | Country | | | |